



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Paul A. DiTullio et al.

SERIAL NUMBER: 10/771,949

EXAMINER: Richard A. Schnizer

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FOR: GENETIC MANIPULATION OF SPERMATOGONIA

**MAIL STOP RCE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 29, 2007  
Boston, Massachusetts

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

This paper is in response to the Final Office Action mailed November 28, 2006 and is also in response to the Notice of Appeal filed May 29, 2007. Applicants submit herewith a Request for Continued Examination under 37 C.F.R. § 1.114 and the required fee under 37 C.F.R. § 1.17(e). This paper constitutes a proper submission in accordance with 37 C.F.R. § 1.114(c). Applicants also submit a Petition for a Three-Month Extension of time and appropriate extension fee. With this Petition, a response is due on or before October 29, 2007. Applicants believe no additional fees are due with this response. However, the Commissioner is hereby authorized to charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 21578-002 CON.

**Amendments to the Specification** are reflected at page 2 of this paper

**Amendments to the Claims** are reflected in the listing of claims, which begins at page 3 of this paper.

**Remarks/Arguments** begin at page 5 of this paper.